

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently amended) A method in a network data processing system for distributed computing, the method comprising:
 - accepting a task for distributed computing;
 - sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each of the plurality of data processing systems on the network ~~system within the plurality of data processing systems~~ includes a software for accepting a work unit, for processing the accepted work unit to generate a result, and for returning the result, ~~wherein~~
 - ~~the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a data processing system to be connected to the network and to allocate a period of time for processing work units; and~~
 - receiving results from each of the plurality of data processing systems on the network,
 - wherein the method further comprises:
 - monitoring the software of each of the plurality of data processing systems on the network for compliance with an operation policy that requires each data processing system on the network to be connected to the network and to allocate at least a minimum period of time for processing work units that are sent to it.
2. (Currently amended) The method of claim 1 further comprising:
 - assigning each of the plurality of data processing systems on the network to a different user.

3. (Currently amended) The method of claim 1, wherein each of the plurality of data processing system within the plurality of data processing systems on the network is in a different location.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Currently amended) A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; ~~and~~

a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to accept a task for distributed computing[[:]] and sends work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each ~~data processing system within~~ of the plurality of data processing systems on the network includes a software for accepting a work unit, for processing the accepted work unit to generate a result, and for returning the result,

~~wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a data processing system to be connected to the network and to allocate a period of time for processing work units; and~~

~~a receiving unit for receiving receive results from each of the plurality of data processing systems,~~

~~wherein the system further includes:~~

~~a monitoring unit for monitoring the software of each of the plurality of data processing systems on the network for compliance with an operation policy that requires each data processing system on the network to be connected to the network and to allocate at least a minimum period of time for processing work units that are sent to it.~~

13. (Canceled)

14. (Canceled)

15. (Currently amended) A data processing system for distributed computing, the data processing system comprising:

accepting means for accepting a task for distributed computing;

sending means for sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system ~~within the plurality of data processing systems on the network~~ includes a software for accepting a work unit, for processing the accepted work unit to generate a result, and for returning the result, ~~wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a data processing system to be connected to the network and to allocate a period of time for processing work units; and~~

receiving means for receiving results from each of the plurality of data processing systems,

wherein the system further comprises:

monitoring means for monitoring the software of each of the plurality of data processing systems on the network for compliance with an operation policy that requires each data processing system on the network to be connected to the network and to allocate at least a minimum period of time for processing work units that are sent to it.

16. (Currently amended) The data processing system of claim 15 further comprising: assigning means for assigning each of the plurality of data processing systems on the network to a different user.

17. (Currently amended) The data processing system of claim 15, wherein each of the plurality of data processing system within the plurality of data processing systems on the network is in a different location.

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Currently amended) A computer program product in a computer readable medium for distributed computing, the computer program product comprising:
first instructions for accepting a task for distributed computing;

second instructions for sending work units into which the accepted task is divided to a plurality of data processing systems on a network, wherein each data processing system ~~within the plurality of data processing systems on the network~~ includes a software for accepting a work unit, for processing the accepted work unit to generate a result, and for returning the result, ~~wherein the software of each data processing system within the plurality of data processing systems is monitored for compliance with an operation policy requiring a data processing system to be connected to the network and to allocate a period of time for processing work units; and~~

third instructions for receiving results from each of the plurality of data processing systems on the network,

wherein the computer program product further includes:

fourth instructions for monitoring the software of each of the plurality of data processing systems on the network for compliance with an operation policy that requires each data processing system on the network to be connected to the network and to allocate at least a minimum period of time for processing work units that are sent to it.

26. (Canceled)

27. (Canceled)